

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Joseph Phillip Bigus et al.                      Art Unit: 2762  
Serial No.: 09/100,595    Examiner: Unknown  
Filed: June 19, 1998    Atty. Docket No.: IBM/04B  
For: OPTIMIZING THE PERFORMANCE OF COMPUTER TASKS USING  
INTELLIGENT AGENT WITH MULTIPLE PROGRAM MODULES  
HAVING VARIED DEGREES OF DOMAIN KNOWLEDGE (AS  
AMENDED)

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

In accordance with Applicants' duty of disclosure under the provisions of 37 C.F.R. § 1.56, the references listed on the enclosed Form PTO-1449 are brought to the attention of the Examiner. Copies of the references are also enclosed.

No representation is made that any of the references are "prior art" within the meaning of 35 U.S.C. § 102 or § 103. Moreover, any explanations herein are not to be taken as a representation that the references have been thoroughly reviewed. In particular, no representation as to the relative relevance of any portion of a reference is intended.

Consideration of the references and the remarks presented herein in the above-identified application is respectfully requested.

If there are any questions regarding this paper, or which might otherwise further this case onto allowance, please contact the undersigned at (513)241-2324. Moreover, if

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. IBM/04B (R0996-052L)		SERIAL NO. 09/100,595							
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT Joseph Phillip Bigus et al.									
(Use several sheets if necessary)				FILING DATE June 19, 1998		GROUP 2762							
(37 CFR 1.98(b))													
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER						ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A.A	4	8	8	1	2	6	3	11/14/89	Herbison et al.	380	21	09/25/87
	A.B	5	3	5	5	4	4	4	10/11/94	Chirico	395	51	10/25/93
	A.C	5	4	6	5	3	0	8	11/07/95	Hutcheson et al.	382	159	08/25/93
	A.D	5	6	4	6	9	9	8	07/08/97	Stambler	380	25	05/22/95
	A.E	5	6	8	9	6	5	2	11/18/97	Lupien et al.	395	237	04/27/95
	A.F	5	6	9	6	8	2	8	12/09/97	Koopman, Jr.	380	46	09/22/95
	A.G	5	7	1	5	3	1	2	02/03/98	Ijtsma	380	3	04/01/96
	A.H	5	7	1	7	9	8	9	02/10/98	Tozzoli et al.	705	37	10/13/94
	A.I	5	7	6	5	0	2	8	06/09/98	Gladden	395	11	05/07/96
	A.J	5	7	9	0	7	8	9	08/04/98	Suarez	395	200.32	08/02/96
	A.K												
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS													
		DOCUMENT NUMBER						PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)	
	A.L												
	A.M												
	A.N												
	A.O												
	A.P												
	A.Q												
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)													
	A.R	Tuomas Sandholm et al. "Issues in Automated Negotiation and Electronic Commerce: Extending the Contract Net Framework", First International Conference on Multi-Agent Systems, (June 1995), pp. 328-335.											
	A.S	Database 636 (IAC Newsletter) on Dialog, No. 3263922, "General Magic attempts to pull Glory from Web Hat", Network Briefing, (July 19, 1996), 2 pages.											
	A.T	Database 148 (IAC Trade & Industry Database), No. 4056305, Katy Ring, "Neural Networks, knowledge systems, genetic algorithms at Cambridge Consultants", Computergram International, (July 17, 1989), 3 pages.											
EXAMINER									DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance <u>and</u> not considered. Include a copy of this form with next communication to applicant.													

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	B.M						
	B.N						
	B.O						
	B.P						
	B.Q						

  

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)	
	B.R Gregory E. Kersten et al., "Negotiation in Distributed Artificial Intelligence: Drawing from Human Experience", <u>Proceedings of the Twenty-Seventh Annual Hawaii International Conference on System Sciences</u> , (1994), pp. 258-270.
	B.S Jim R. Oliver, "On Artificial Agents for Negotiation in Electronic Commerce", <u>Proceedings of the 29th Annual Hawaii International Conference on System Sciences</u> , (1996), pp. 337-346.
	B.T Edward A. Billard, "Effects of Group Size on Goal-Directed Agents in Distributed Environments", IEEE Publication No. 0-7803-2559-1/95, (1995), pp. 3403-3408.

  

EXAMINER	DATE CONSIDERED
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